

				24-hr Concentration of Vinyl Chloride in Samples ^a			
				Before rail car removal		During rail car removal	
Summa Cannister 24-hr Sample Location	Air monitor that is collocated with this Summa Cannister	Screening level for 10 ⁻⁶ cancer risk (ppb) ^b	Screening level for 10 ⁻⁴ cancer risk (ppb) ^b	Concentration (ppb) Dec 8, 2012	Concentration (ppb) Dec 9, 2012	Concentration (ppb) Dec 12, 2012	Concentration (ppb) Dec 13, 2012
Mantua Avenue	Linc 79	0.0877	8.77	0.155	0.195	U ^e	U
High School	Linc 104			0.149	0.104	U	U
Church	Linc 114			0.930	0.736	U	0.197
Police Station	Linc 83			0.220	0.131	U	U
Library	Linc 98			0.382	0.259	U	0.0475
Firehouse	Linc 106			0.185	0.0941	U	--
School	Linc 105			0.165	0.0747 ^c	U	--
Jessup	Linc 103			0.549	0.321	U	0.0433
White Swan Community	Linc 24			0.0871	0.0866	U	U
End of East Jefferson ^d	none			--	--	0.284 ^c	0.303 ^c
End of East Washington ^d	none			--	--	0.464	0.408

^a Concentrations shown as ppb are parts per billion by volume.

^b Screening levels were designed to protect people's health and developed for this incident based on an assumed exposure for vinyl chloride of 350 days for one year.

^c Average of original sample and quality assurance duplicate.

^d Beginning with Dec 12 samples, these locations were added to capture conditions closer to the rail car removal operations.

^e U = non detect